

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:)	Group Art Unit: Not Yet Assigned
)	
LARSON)	Examiner: Not Yet Assigned
)	
Serial No.: Not Yet Assigned)	<u>INFORMATION DISCLOSURE</u>
)	<u>STATEMENT</u>
Filed: Herewith)	
)	
Atty. File No.: 4562-1)	Express Mail Label: EL975241778US
)	
For: "THREE-DIMENSIONAL FLOW-)	
THROUGH ELECTRODE AND)	
ELECTROCHEMICAL CELL")	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

☐ Copies of the cited foreign patents and/or non-patent references are enclosed herewith.

☒ Copies of the cited references are not enclosed in accordance with the waiver dated July 11,

2003, whereby patent applications filed after June 30, 2003 and international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003 need not submit copies of U.S. patents and U.S. patent application publications.

☐ Are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following co-pending applications, copies of which have been or are being submitted:

Serial No. _____ filed _____

Serial No. _____ filed _____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should

an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

<input checked="" type="checkbox"/>	<p>37 CFR 1.97(b): No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):</p> <div style="margin-left: 40px;"> <input checked="" type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or <input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or <input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or <input type="checkbox"/> Before the mailing of a first Office action after the filing of a Request for Continued Examination (RCE) under 37 CFR 1.114. </div> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>
<input type="checkbox"/>	<p>37 CFR 1.97(c): The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <div style="margin-left: 40px;"> (1) a final action under 37 C.F.R. 1.113 or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. </div> <p>This Information Disclosure Statement is accompanied by:</p> <div style="margin-left: 40px;"> <input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. </div> <p style="text-align: center;">OR</p> <div style="margin-left: 40px;"> <input type="checkbox"/> A check in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. </div>
<input type="checkbox"/>	<p>37 CFR 1.97(d): This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <div style="margin-left: 40px;"> <input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) </div> <p style="text-align: center;">AND</p> <div style="margin-left: 40px;"> <input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Enclosed is the fee in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification. </div>

Certification (37 C.F.R. 1.97(e))
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

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Date: Feb. 22, 2004
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4562-1	SERIAL NO. Not Yet Assigned
	APPLICANT LARSON	
	FILING DATE Herewith	GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	6,342,150	1/29/2002	Sale et al.	205	688	
	2	6,322,690	11/27/2001	Hammer-Olsen et al.	205	466	
	3	6,267,871	7/31/2001	Weakly et al.	205	747	
	4	6,200,449	3/13/2001	Lu	204	665	
	5	6,086,733	7/11/2000	Carey et al.	204	272	
	6	6,022,436	2/8/2000	Koslow et al.	156	191	
	7	6,007,600	12/28/1999	Hyvarinen et al.	75	740	
	8	6,004,445	12/21/1999	Genders et al.	204	537	
	3	RE36,402	11/23/1999	Williams et al.	205	619	
	10	5,954,939	9/21/1999	Kanekuni et al.	205	742	
	11	5,882,502	3/16/1999	Gomez	205	568	
	12	5,868,941	2/9/1999	Gillham et al.	210	747	
	13	5,797,216	8/25/1998	Reznik	47	58.1R	
	14	5,744,028	4/28/1998	Goto et al.	210	181	
	15	5,690,806	11/25/1997	Sunderland et al.	205	560	
	16	5,607,619	3/4/1997	Dadgar et al.	252	187.2	
	17	5,569,809	10/29/1996	Gui	588	204	
	18	5,529,672	6/25/1996	Barr et al.	204	272	
	19	5,529,606	6/25/1996	Hewlett	75	743	
	20	5,487,819	1/30/1996	Everett	205	347	
	21	5,376,240	12/27/1994	Kaczur et al.	205	617	
	22	5,344,625	9/6/1994	Clough	423	22	
	23	5,308,381	5/3/1994	Han et al.	75	744	
	24	5,232,490	8/3/1993	Bender et al.	75	733	
	25	5,147,618	9/15/1992	Touro et al.	423	27	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	APPLICANT LARSON	
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	26	4,902,344	2/20/1990	Lucas et al.	423	38	
	27	4,789,443	12/6/1988	deNora et al.	205	513	
	28	4,705,564	11/10/1987	Noding	75	695	
	29	4,684,404	8/4/1987	Kalocsai	423	38	
	30	4,662,938	5/5/1987	Whitney et al.	75	736	
	31	4,604,175	4/5/1986	Naumov et al.	205	750	
	32	4,556,469	12/3/1985	Kim et al.	204	263	
	33	4,551,213	11/5/1985	Wilson	75	736	
	34	4,507,182	3/26/1985	Palvadeau et al.	205	50	
	35	4,476,099	10/9/1984	Camp et al.	423	10	
	36	4,439,300	3/27/1984	Houseman	204	272	
	37	4,436,601	3/13/1984	Branchick et al.	588	237	
	38	4,410,497	10/18/1983	Otto, Jr.	423	16	
	39	4,342,592	8/3/1982	Lamb	75	733	
	40	4,330,378	5/18/1982	Boltersdorf et al.	205	554	
	41	4,312,840	1/26/1982	Habib, Jr. et al.	423	17	
	42	4,292,175	9/29/1981	Krause et al.	210	192	
	43	4,258,955	3/31/1981	Habib Jr.	299	5	
	44	4,235,850	11/25/1980	Otto, Jr.	423	7	
	45	4,185,872	1/29/1980	Habib, Jr.	299	4	
	46	4,116,488	9/26/1978	Hsueh et al.	299	4	
	47	4,070,182	1/24/1978	Genik-Sas-Berezowsky et al.	75	736	
	48	4,046,663	9/6/1977	Fleet et al.	204	280	
	49	3,961,941	6/8/1976	Baker et al.	75	422	
	50	3,736,126	5/29/1973	Fritz et al.	423	25	
	51	3,652,433	3/28/1972	Thompson	205	758	
	52	2,896,930	7/28/1959	Menke	299	5	
	53	2,283,198	5/19/1942	Fink et al.	423	38	

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	54	738,758	9/15/1903	De Alzugary	423	27	
	55	267,723	11/21/1882	Schaeffer	75	741	
	56	138,500	5/6/1873	Kallmes	423	46	
	57	75,293	3/10/1868	Ott	423	34	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
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